

ABSTRACT OF THE DISCLOSURE

An optical transceiver module having improved heat dissipation characteristics is disclosed. The transceiver includes a transmitter optical subassembly ("TOSA"), comprising a hermetically sealed housing penetrated by a component platform that includes interior and exterior platform portions. The interior portion of the component platform supports a laser that produces optical signals for emission by the TOSA. A heat tongue is attached to the both the interior and exterior portions of the component platform and is configured to absorb heat that is produced by the laser and absorbed by the component platform. A heat spreader is positioned within the transceiver shell and includes a cavity defined adjacent the heat tongue. A slug is received into the cavity and is positioned to contact both the heat tongue and the heat spreader body. The slug enables heat from the tongue to be transmitted to the heat spreader and eventually to the transceiver shell.

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